

# sungo (Matt Cashner) - Resume

---

<b>Website</b>	<a href="https://sungo.wtf">https://sungo.wtf</a>	<b>Phone</b>	765-598-4301
<b>Email</b>	<a href="mailto:resume@sungo.wtf">resume@sungo.wtf</a>	<b>Info</b>	<a href="https://sungo.wtf/info.txt">https://sungo.wtf/info.txt</a>

*Note: I am only interested in remote-only opportunities. I will not relocate.*

## About Me

I am what we now call a Site Reliability Engineer with over 20 years of industry experience, ranging from small single system environments to large scale systems involving thousands of servers.

I have extensive development experience, mostly in an operational automation context, as well as systems administration and maintenance. I've been on-call for most of my career and have experience managing incidents and drafting blameless post-mortem analyses.

I have lots of experience in architecture and design, including gathering stakeholder requirements, drafting requirements documents, and carrying them through implementation and production deployment.

In any job, I am looking for the usual challenging work and good diverse people to work with. I need remote-only work with a highly communicative team that is willing to use text chat and video conferencing. I prefer working in large scale environments and enjoy front-line operations. I am not interested in management roles.

## Employment History

### **Time Warner Cable**

*Mar 2010 - May 2017*

Software engineering, architecture, and design for systems automation and monitoring for video-on-demand backend systems, including requirements gathering, detailed design specifications, and stakeholder communication.

Extensive on-call responsibilities, including incident management and authorship of post-mortem analyses.

## **Architecture / Engineering**

- Architected and led the implementation of IP-based live video distribution for the TWCTV iPad app, versions 1 and 2. *The application was subsequently awarded an Emmy Engineering Certificate*
- Architected and implemented automation for video-on-demand content intake, transcoding, and distribution. This self-healing system handled over a thousand TV shows, movies, and advertisements daily with little to no human intervention
- Architected and implemented automation for content metadata (title, description, ratings, artwork, etc) improvement

## **Software Development**

- Workflow and systems automation using Ruby
  - Monitoring and data management UIs (including real-time interfaces with WebSockets) using Ruby, Javascript, MongoDB, and PostgreSQL
  - Monitoring UIs in Splunk
- 

## **YouPorn / MidStream Media**

*May 2009 - Feb 2010*

- Application development in Perl
  - Systems programming and automation in Perl and Bash, mostly on Debian Linux
- 

## **Singlesnet, Inc**

*Dec 2007 - Mar 2009*

Details available on request

---

## **America Online**

*Feb 2003 - Oct 2007*

- Developed cross-platform server and network monitoring system in Perl and C, backed by PostgreSQL
- Developed monitoring dashboards in Perl, via mod\_perl
- Significant deployments of Linux (RHEL), with custom orchestration software

---

**Databuilt, Inc**

*Dec 2001 - Feb 2003*

Details available on request

---

**The Creative Group**

*May 2000 - Dec 2001*

Details available on request

---

## Education

**1996-2000** Bachelors Degree - Asbury College

## Publications

**Application Design With POE** - perl.com - 2 July 2004

<https://sung0.wtf/2004/06/02/application-design-with-poe.html>

**Building Applications With POE** - perl.com - 22 July 2004

<https://sung0.wtf/2004/07/22/building-applications-with-poe.html>

**Getting Started With POE** - The Perl Journal - 6 Sep 2005

<https://sung0.wtf/2005/09/06/getting-started-with-poe.html>